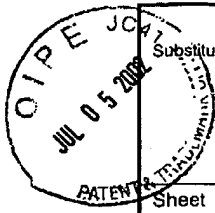


Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



| | | | |
|---|------------------------|--------------------------|-------------------|
| Substitute for form 1449A/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 09/889,611 |
| | | Filing Date | October 16, 2001 |
| | | First Named Inventor | Toshio Miyata |
| | | Group Art Unit | 16361655 McKelvey |
| | | Examiner Name | To Be Assigned |
| Sheet 1 of 1 | Attorney Docket Number | SHIM-010 | |

RECEIVED

JUL 10 2002

HCENTER 1600/2900

| U.S. PATENT DOCUMENTS | | | | | | |
|---------------------------------------|--------------------------|-----------------------|--------------------------------------|---|--|--|
| Examin er Initials ¹ | Cite No. ¹ | U.S. Patent Documents | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------------|-----------------------|--------------------------|---------------------|--------------------------------------|--|--|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Documents | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| TME ↓ | AA | | WO 99/15652 | | T. Miyata | 04/01/1999 | | |
| | AB | | EP 1018551 | | T. Miyata | 07/12/2000 | | |
| | | | | | | | | |

| OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | | |
| | | | |
| | | | |
| | | | |

COPY OF PAPERS
ORIGINALLY FILED

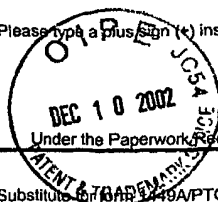
| | | | |
|-----------------------|--------------------------|--------------------|---------|
| Examiner Signature | <i>Benjamin McKelvey</i> | Date Considered | 9/29/03 |
|-----------------------|--------------------------|--------------------|---------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | |
|---|---|-----------------------------|------------------|---|
| Substitute for PTO Form 149A/PTO | | Complete if Known | | RECEIVED DEC 12 2002 FCH CENTER 1600/2900 |
| | | Application Number | 09/889,611 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Filing Date | October 16, 2001 | |
| | | First Named Inventor | MIYATA TOSHIO | |
| | | Group Art Unit | 1653 | |
| | | Examiner Name | To be assigned | |
| Sheet | 1 | of | 1 | Attorney Docket Number SHIM-010 |

| U.S. PATENT DOCUMENTS | | | | | | |
|--------------------------------|-----------------------|-----------------------|-----------------------------------|--|--|---|
| Examiner Initials ¹ | Cite No. ¹ | U.S. Patent Documents | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| | | | | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------------|-----------------------|--------------------------|---------------------|-----------------------------------|--|--|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Documents | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Office ³ | Number ² | Kind Code ⁵ (if known) | | | | |
| | | | | | | | | |
| | | | | | | | | |

| OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| Jme | AA2 | MIYATA et al., (1998), J. Clin. Invest., 120(4):828-836 | |
| ↓ | AA1 | MIYATA et al., (1997), J. Amer. Soc. Nephrology, 503A | |
| | | | |

| | | | |
|---------------------------|-----------------------|------------------------|---------|
| Examiner Signature | <i>Fany a McElroy</i> | Date Considered | 9/29/03 |
|---------------------------|-----------------------|------------------------|---------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

| | | | | | | | |
|--|----|---|----------|-----------------------------------|-------|---------------------------------|-------------------------------|
| SUPPLEMENTAL INFORMATION DISCLOSURE CITATION Form PTO-1449 (Modified) (Use several sheets if necessary) | | | | ATTY. DOCKET NO. SHIM010 | | SERIAL NO. 09/889,611 | |
| | | | | APPLICANT Toshio Miyata | | | |
| | | | | INTL. FILING DATE 25 Jan. 2000 | | GROUP 1636 To Be Assigned | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | Document Number | Date | Country | Class | Subclass | Translation Yes No |
| Tme | AA | 6-165679 | 06/14/94 | Japan | — | — | |
| | | | | | | | |
| | | | | | | | |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| Tme | AB | Victoria C. Foletta et al., <i>Journal of Leukocyte Biology</i> , 63(2):139-152 (February 1998) | | | | | |
| ↓ | AC | Michael G. Rosenfold, <i>Genes & Development</i> , 5(6):897-907 (June 1991) | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

F:\DOCUMENT\SHIM (Shimizu, formerly SHI)\010\SHIM010 - ids 1449.doc

| | |
|--|--------------------------------|
| EXAMINER <i>Feng a McElhenny</i> | DATE CONSIDERED <i>9/29/03</i> |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |